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(54) DEVICE FOR DECLINING MMP ACTIVITY AND ITS METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a joint therapeutic device with a function of declining an MMP activity.

SOLUTION: A device for declining an MMP activity in at a joint through irradiating ultrasonic waves, which is equipped with at least one ultrasonic transducer and a means for fitting an ultrasonic outgoing unit and the ultrasonic transducer on the joint region. The ultrasonic waves have frequency 1.3–2 MHz, repeated cycle 100–1,000 Hz, burst width 10–2000 µs, output 100 mW/cm² (SATA): Spatial Average–Temporal Average).

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